

Receiving Report

Date: 15-07-10

Batch No: 132716

Supplier: KLX

Dart P/O: 29087

Packing Slip: Yes / No
 Invoice: Yes / No
 Receipt: Cash Cr /
 New Supplier Yes No /

Release Note Attached: Yes / No N/A
 Waybill Attached: Yes / No
 Shipment Complete: Yes / No N/A
 QC18 Inspection N/A /
 Work Order N/A /

Discrepancies

Part Number	Description	Quantity Ordered	Quantity Rec'd	Quantity Short	Quantity Inspected	Quantity Rejected	Comment / NCR Number

Initials of Receiver

QC12

[Signature]

Production/Admin:

Date
 Received/Costing
 Initial

Location



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO29087**

Purchase Order Date 7/9/2015

PO Print Date 7/9/2015

Page Number 1 of 2

Order From :

VU-KLX01

KLX INC.
88289 EXPEDITE WAY
CHICAGO, IL 33172
USA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

PAID
10/10/15

Contact Name

Vendor Phone 305-925-2600

Ship To Contact

Ship To Phone

Ship Via: FedEx Overnight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	AN4-21A	Bolt	7/10/2015 Yes 7/10/2015		100.00 Each	\$0.25	\$25.00

Line Total: \$25.00

2	71401-45	PROCUREMENT QUALITY CLAUSES	7/10/2015 No 7/10/2015		1.00	\$0.00	\$0.00
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Procurement Quality Clauses
A005 RIGHT OF ENTRY
A012 CHEMICAL AND PHYSICAL TEST REPORTS
A016 PERSONNEL QUALIFICATION
A026 CERTIFICATION OF MATERIAL CONFORMANCE
A032 PUBLIC LAW 101-592 FASTENER QUALITY ACT
A033 STATEMENT OF CONFORMITY/TEST RECORDS
FOR NAS, AN and MS FASTENERS
A040 NOTIFICATION OF QUALITY ESCAPE
A041 QUALITY MANAGEMENT SYSTEM
A043 RETENTION OF QUALITY DOCUMENT

8215-07-10

Note:

7/9/2015



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXAerospace.com

Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001

Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York

ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

JOKVHF

PAGE 1

SEND TO ACCOUNTING

SOLD TO:
002409



DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

ORDER NO.		DATE	SHIP VIA	TERMS		SHIPPING TERMS		
PO29087		07/09/15	FEDX INTL P1 COLL	NET 45		FOB-MIAMI		
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION		PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
001	100	AN4-21A TARIFF: 7318.15.8085 Description BOLT ECCN :9A991 MFR: MAC FASTENERS CTRL#: 2009D02999 LOT#: 38678 LOT QTY: 100 Country of Origin USA These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited. *** SHIPPED 1 CTN *** # 1=CTN 3# 0 OZ. 642617640873		0.250	EA	0	100	25.00
INVOICE# 15179334		FREIGHT ACCOUNT# 15179334						
ORDER#.....: 9SHN82								
CONSOLIDATE#.: 1BKZ7W								



Tel: +1.305.925.2600 • Fax: +1.305.507.7191 • www.KLXaerospace.com

Remit to Address: 88289 Expedite Way, Chicago, IL 60695-0001

Wire Instructions: KLX Inc. • JPMorgan Chase Bank New York

ABA: 021000021 • Account: 304639273 • SWIFT: CHASUS33 • CHIP UID: 0002

INVOICE NUMBER

JOKVHF

SEND TO ACCOUNTING

SOLD TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

SHIP TO:

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON
CANADA K6A 1K7

PAGE 1 OF 1



ORDER NO.		DATE	SHIP VIA	TERMS		SHIPPING TERMS		
PO29087		07/09/15	FEDX INTL P1 COLL	NET 45		FOB-MIAMI		
ITEM NO.	QUANTITY ORDERED	PART NUMBER AND DESCRIPTION		PRICE	UNIT	BACK ORDER	SHIPPED	AMOUNT
001	100	AN4-21A BOLT ECCN :9A991 Country Origin: USA TARIFF: 7318.15.8085 MFR: MAC FASTENERS CTRL# : 2009D02999 LOT# : 38678 LOT QTY: 100 COUNTRY OF ORIGIN: USA Country of Origin: USA These commodities, technology or software were exported from the United States in accordance with the Export Administration Regulations. Diversion contrary to U.S. law is prohibited. *** SHIPPED 1 CTN *** # 1=CTN 3# 0 OZ. 642617640873 FREIGHT ACCT# 15179324-0		0.250	EA	0	100	25.00
chal 9SHN82		SHIPPED ON 07/09/15				SUBTOTAL :		25.00
form #16007.000303		**CONSOLIDATION# 1BKZ7W				HANDLING :		0.00
						DISC/ALL :		0.00
						INCM FRT :		0.00
						FREIGHT :		0.00
						TOTAL :		25.00USD
								U.S. CURRENCY

6250710

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.

MATERIAL TO BE RETURNED MUST HAVE PRIOR AUTHORIZATION BY KLX INC.

ALL ITEMS ARE SUBJECT TO A 100% RESTOCKING CHARGE.

SHIPPED FROM: 10000 NW 15 TERRACE, MIAMI, FL 33172



ORIGINAL INVOICE

BY RECEIVING DELIVERY OF THE ITEMS COVERED BY THIS INVOICE, BUYER AGREES TO THE TERMS AND CONDITIONS OF SALE AT:
<http://www.KLXaerospace.com/conditions-sale/>



P.O. Box 025263, Miami, FL 33102-5263 • Tel: 305.925.2600 • Fax: 305.507.7191
Plant Location: 10000 N.W. 15th Terrace, Miami, FL 33172 • SITA: MIAMMCR
www.KLXAerospace.com

Shipped From: 10000 NW 15 TERRACE, MIAMI, FL 33172


Material Certification

The items set forth on the purchase order referred to below have been visually inspected and the dimensions thereof have been measured by us, and based on the aforesaid, as well as the representation made to us by the manufacturers of the items subject of such purchase order, we hereby certify that such items are in conformity with all current governmental and manufacturer's requirements, specifications, drawings, and conform to the purchase order requirements. Said items are in new condition and have not been obtained from any U.S. Government or Military source and are traceable to KLX Aerospace Solutions.

FIRM: DART AEROSPACE LTD

PURCHASE ORDER#: PO29087

LINE#	QUANTITY	U/M	PART-NUMBER	CUST REF#	LOT-NUMBER	MANUFACTURER	CCODE	MFR DATE	EXP DATE
001	100	EA	AN4-21A		38678	MAC FASTENERS	ORPT4		


Jason Lewis
Senior Director, Global Quality

07/09/15

Inv # 07/09/15

MAC FASTENERS, INC.
1110 ENTERPRISE
OTTAWA, KANSAS 66067

**CERTIFICATE OF CONFORMANCE
AND
MANUFACTURER'S AFFIDAVIT**

CUSTOMER: M & M AEROSPACE

DATE: 03/20/09

PO NUMBER: OAT079

PART NUMBER: AN4-21A

REVISION: 1

COUNTRY OF ORIGIN: UNITED STATES OF AMERICA

DFARS 252.225-7014, ALTERNATE 1 COMPLIANT

LOT NUMBER: 38678

MANUFACTURED QUANTITY: 120,000

MILL HEAT NUMBER: 8090918

We certify that the parts furnished against the above referenced purchase order were manufactured by MAC FASTENERS, INC. within the United States, and were processed in conformance with all applicable drawings and specifications.

Objective evidence of compliance is on file, subject to examination upon request.


QUALITY ASSURANCE REPRESENTATIVE

MAC FASTENERS, INC.
1110 EAST ENTERPRISE
OTTAWA, KS 66067

CHEMICAL & PHYSICAL TEST REPORT

CUSTOMER M & M AEROSPACE	PO NUMBER OAT079	MFG QUANTITY 120,000	DATE 03/20/09
PART NUMBER AN4-21A	REV 1	LOT NO 38678	PROCUREMENT SPEC NASM6812

MATERIAL TYPE 8740				MATERIAL SPECIFICATION MIL-S-6049/AMS6322				MILL HEAT NUMBER 8090918			SUPPLIER CHICAGO WIRE		
C .41	Si .24	Mn .84	P .006	S .012	Cu .10	Ni .42	Cr .50	Mo .21	V .002	B	Fe	Al .027	Ti
	Co	N .005	Bi	Pb	Mg	Zn		Nb	Sn .005			Other	

MECHANICAL TEST RESULTS - TESTING PER NASM1312

ULTIMATE TENSILE STRENGTH POUNDS	
5,640	
5,600	
5,640	
5,620	
5,620	
MIN. REQ.	4080

DOUBLE SHEAR STRENGTH POUNDS / PSI	
8,320	
8,340	
8,320	
8,300	
8,320	
MIN. REQ.	7360

HARDNESS	
ROCKWELL "C" SCALE	
REQ.	26 - 32 HRC
SAMPLE SIZE	5
ACTUAL RESULTS	
29-30 HRC	

METALLURGICAL EXAMINATION			
Discontinuities	<input checked="" type="checkbox"/>	Carb/Decarb	<input checked="" type="checkbox"/>
Grain Flow	<input checked="" type="checkbox"/>	Microstructure	<input checked="" type="checkbox"/>
Grain Size	<input checked="" type="checkbox"/>	Appearance	<input checked="" type="checkbox"/>
Thread Inspection FED-STD-H28/20 - ASTM B1.3		System 21 <input type="checkbox"/>	System 22 <input checked="" type="checkbox"/> System 23 <input type="checkbox"/>

NDT/ ADDITIONAL TESTS	
Magnetic Particle Inspection per ASTM E1444	<input checked="" type="checkbox"/>
Liquid Penetrant Inspection per ASTM E1417	<input type="checkbox"/>
Recess Torque Test	<input type="checkbox"/>
Head Marking	<input checked="" type="checkbox"/>

TEST CERTIFICATION

WE CERTIFY THAT THE PART NUMBER, LOT NUMBER, AND SAMPLES REFERENCED ABOVE HAVE BEEN TESTED IN ACCORDANCE WITH THE APPLICABLE SPECIFICATION FOR THE TESTS REPORTED HEREIN. THIS CERTIFICATION SHALL NOT BE REPRODUCED, EXCEPT IN FULL, WITHOUT THE APPROVAL OF MAC FASTENERS, INC.


Quality Assurance Representative

AS9100, ISO9001 REGISTERED
PJR #C2009-00297

MAC FASTENERS, INC.
1110 ENTERPRISE
OTTAWA, KANSAS 66067

HEAT TREAT CERTIFICATION

CUSTOMER: M & M AEROSPACE

DATE: 03/20/09

PO NUMBER: OAT079

MANUFACTURED QUANTITY: 120,000

LOT NUMBER: 38678

MATERIAL: TYPE 8740

PART NUMBER: AN4-21A

REVISION: 1

REQUIRED HARDNESS: 26 - 32 HRC

SAMPLE SIZE: 5

HARDNESS: 29-30 HRC

HEAT TREAT SPECIFICATION AS APPLICABLE: MIL-H-6875/AMS-H-6875/AMS2759/AMS5853/PS-1001

The fasteners referenced in this report have been processed, inspected and certified by the Heat Treat Contractor in accordance with all applicable drawings and specifications. Heat Treatment has been verified in accordance with procurement specification and part drawing, by metallurgical and mechanical testing as applicable. Evidence of compliance as well as certification from the Heat Treat Contractor is on file and subject to examination upon request.



QUALITY ASSURANCE REPRESENTATIVE

CHICAGO WIRE Division of



CHICAGO WIRE

CERTIFICATE OF ANALYSIS

FOR: Mac Fasteners

DATE: 11/07/08

VENDOR TAG NO.: J4812

VENDOR PO NO.: 09-340

7,477 lbs.

GRADE: 8740

DESCRIPTION: CHQ WIRE
SIZE: .2465

HEAT NO.: 8090918

CHEMICAL ANALYSIS

<u>C</u>	<u>Mn</u>	<u>P</u>	<u>S</u>	<u>Si</u>	<u>Al</u>	<u>Ni</u>	<u>Cr</u>
.41	.84	.006	.012	.24	.027	.42	.50
<u>Mo</u>	<u>Cu</u>	<u>V</u>	<u>Co</u>	<u>Ti</u>	<u>N</u>	<u>Sn</u>	
.21	.10	.002	.00	???	.005	.005	

PHYSICAL

	<u>J1</u>	<u>J10</u>	<u>J11</u>	<u>J12</u>	<u>J2</u>	<u>J3</u>	<u>J5</u>	<u>J4</u>
AMS 2301 0000	55	39	37	35	58	57	55	56
MacroClean E-381 111		<u>J6</u> 53	<u>J7</u> 49	<u>J8</u> 45	<u>J9</u> 42			

MECHANICAL

<u>TEST</u>	<u>UNITS</u>	<u>HIGH</u>	<u>LOW</u>	<u>AVERAGE</u>
Tensile Str	Lbs/Sqin	85000	83000	84000
RA Area	SqIn	72.2	70.0	70.9
Decarb FFD	Inches	.00	.00	.00
Surface def. depth	Inches	.00	.00	.00

SPECIFICATIONS: AMS2301J AMS 6322N 8740 DFARS Defense Federal Acquisition Regulation Supplement
Silicon Killed Fine Grain Aircraft Quality/Cold Heading Quality Drawn From Annealed Rod Spherodize Annealed In
Process Heavy Phos & Light Lube Ctd SIZE: .2465

MILL/ROD/MELT SOURCE

Mill Source
Johnstown

Rod Source
Republic

Melt Source
Republic

SUBSCRIBED AND SWORN TO BEFORE ME THIS 7th DAY OF NOVEMBER, 2008. WE CERTIFY THE
FOREGOING A TRUE AND ACCURATE REPORT AS REPRESENTED TO US BY OUR SUPPLIERS.

Ray Vogel
General Manager





Johnstown Wire Technologies

124 Laurel Ave,
Johnstown, PA 15906

Phone: 814-532-5680
Fax: 814-532-5684

WORK ORDER
087285

TEST REPORT

LOT NUMBER

8090918

SALES ORDER / RLS
087285 / 2

SOLD TO

Chicago Wire "Division of BCS"
Accounts Payable Department
1047 Douglas Road
Batavia, IL 60510
USA



CUSTOMER P.O. 09-340	CUSTOMER PART 258740 2465 2	QUANTITY 7,477 LBS	COILS 5	LADING NO 00089210	SHIPMENT DATE 09/19/2008							
SPECIFICATION ChiWire-87246 AMS 2301J AMS 6322N 8740 DFARS Defense Federal Acquisition Regulation Supplement Silicon Killed Fine Grain Aircraft Quality/Cold Heading Quality Drawn From Annealed Rod Spherodize Annealed In Process Heavy Phos & Light Lube Ctd Size: .2465 +.001 -.000												
CERTIFICATION REQUIREMENTS												
Chemical												
C	Mn	P	S	Si	Al	Ni	Cr	Mo	Cu	V		
.41	.84	.006	.012	.24	.027	.42	.50	.21	.10	.002		
Cb	Ti	N	Sn									
.00	???????	.005	.005									
Physical												
AMS 2301	J1	J10	J11	J12	J2	J3	J5	J4	J6	J7	J8	J9
0000	55	39	37	35	58	57	55	56	53	49	45	42
MacroClean E-381 111												
Mechanical												
TEST	UNITS		HIGH		LOW		AVERAGE					
Tensile Str	Lbs/SqIn		85000		83000		84000					
RA Per Cent	Percent		72.2		70.0		70.9					
Decarb FFD	Inches		.000		.000		.000					
Surface def. depth	Inches		.000		.000		.000					
Rod / Melt Source												
Rod Source Republic	Melt Source Republic		Country of Origin USA		Nafta Yes							

I certify that the results are a true and correct copy of the records prepared and maintained by JOHNSTOWN WIRE TECHNOLOGIES in compliance with the requirements of the cited specification. Chemistry is as reported by the rod / bar supplier and is not in JWT A2LA accreditation. This test report cannot be reproduced or distributed except in full without the written permission of JOHNSTOWN WIRE TECHNOLOGIES. The test results certified herein relate only to the items tested.

D. L. Deetscreek
D. L. Deetscreek
Director of Quality Assurance



**Johnstown
Wire
Technologies**

124 Laurel Ave,
Johnstown, PA 15906

Phone: 814-532-5680
Fax: 814-532-5684

WORK ORDER
087285

TEST REPORT
LOT NUMBER
-8090918
SALES ORDER / RLS
087285 / 2

SOLD TO

Chicago Wire "Division of BCS"
Accounts Payable Department
1047 Douglas Road
Batavia, IL 60510
USA



CUSTOMER P.O.	CUSTOMER PART	QUANTITY	COILS	LADING NO	SHIPMENT DATE
09-340	258740 2465 2	7,477 LBS	5	00089210	09/19/2008

SPECIFICATION **ChiWire-87246**

AMS 2301J AMS 6322N 8740 DFARS Defense Federal Acquisition Regulation Supplement Silicon Killed Fine Grain Aircraft Quality/Cold Heading Quality Drawn From Annealed Rod Spherodize Annealed In Process Heavy Phos & Light Lube Ctd
Size: .2465 +.001 -.000

End of Certification

I certify that the results are a true and correct copy of the records prepared and maintained by JOHNSTOWN WIRE TECHNOLOGIES in compliance with the requirements of the cited specification. Chemistry is as reported by the rod / bar supplier and is not in JWT A2LA accreditation. This test report cannot be reproduced or distributed except in full without the written permission of JOHNSTOWN WIRE TECHNOLOGIES. The test results certified herein relate only to the items tested.

D. L. Deetscreek
D. L. Deetscreek
Director of Quality Assurance



Republic

1807 EAST 28TH ST.
PHONE: 330-438-5694

LORAIN, OH 44055
FAX: 330-438-5695

CERTIFICATE OF TESTS

REPUBLIC ENGINEERED PRODUCTS

August 5, 2008
PAGE 1

OF 2

PURCHASE ORD: 3V669
PART NUMBER: FXT40AA-.438
ORDER NUMBER: 1386244 - 01
HEAT: 8090918

PURCHASE ORDER DATE: 5/22/2008
ACCOUNT NUMBER: 5672-1921-01
SCHEDULE: 4960-85
REVISION: 1

CHARGE ADDRESS

SHIP TO

JOHNSTOWN WIRE TECHNOLOGIES
124 LAUREL AVE
JOHNSTOWN, PA 15906

JOHNSTOWN WIRE TECHNOLOGIES
EDWARD ZAPOLA
C/O C & BL RAILROAD
TRACK 629
JOHNSTOWN, PA 15901

MATERIAL DESCRIPTION

HOT ROLLED STEEL COILS ALLOY AMS 2301J JOHNSTOWN WIRE SPEC RW-100 REVISION DTD 04/21/04 EXC PARA
10.3 AMS 6322N EXC HARD JOHNSTOWN WIRE SPEC RW-005 REVISION DTD 12/31/00 EXC SURFACE DEFECTS
JOHNSTOWN WIRE SPEC PART NO. FXT40AA REVISION DTD 12/31/00 MIL S 6049A & AMD 1 COND B-1 EXC MARK &
UT WAIVED EF-AISI-8740-H FINE GRAIN VACUUM DEGAUSED AIRCRAFT QUALITY FIXED PRACTICE QUALITY
RESTRICTED CHEMISTRY RESTRICTED MAX INCIDENTAL ELEMENTS
SIZE: RDS .4380 DIAM X COIL
RDS 11.1252MM DIAM X COIL

LADLE CHEMISTRY %

C	MN	P	S	SI	CU	NI	CR
0.41	0.84	0.006	0.012	0.24	0.10	0.42	0.50
V	MO	SN	AL	B	CB	N	
0.002	0.21	0.005	0.027	0.0000	0.000	0.0050	

CALCULATED TESTS

REDUCTION RATIO 863.2 TO 1

AUSTENITIC GRAIN SIZE 5 OR FINER BASED ON A TOTAL ALUMINUM CONTENT EQUAL TO OR GREATER THAN .020% PER
ASTM A29.

SEMI - FINISHED RESULTS

JOMINY HARDNESS TEST

SAE J406/ASTM A255

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 18 20 22 24 26 28 30 32
55 58 57 56 55 53 49 45 42 39 37 35 34 33 33 32 31 30 30 29 29 28 28 28

MACRO ETCH TEST

ASTM E381/MIL STD 430

ETCHANT: HCL TEMPERATURE: 170

AVG	S	R	C
1	1	1	1

MAGNETIC PARTICLE TEST

AMS 2301 AMS2304 AMS2300

	IND	AVG	IND	AVG
FREQ	FREQ	SEV	SEV	
PCE-03	0	0	0	0

FINISHED SIZE RESULTS

DECARBURIZATION TEST SAE J419/ASTM E1077/JIS G0558
ETCHANT = NITAL MAGNIFICATION = 100X

	SPIKE	COMPLETE	TOTAL
	INCHES	INCHES	DEPTH
PCE 11726	0.002	0	0.002

CAPABLE OF SEAM DEPTH 1% MAX DIAMETER NOT LESS THAN .005 MAX

NOTES
CHEMICAL ANALYSIS CONFORMS TO APPLICABLE SPECS: ASTM E415, LBL10129, LBL10130, ASTM E1019,

R. A. SZELIGA
MANAGER TECH. SERVICES

BY JANET K. HARTLINE

R. A. Szeliga



Republic

ENGINEERED PRODUCTS

1807 EAST 28TH ST.
PHONE: 330-438-5694

LORAIN, OH 44051
FAX: 330-438-5694

CERTIFICATE OF TESTS

REPUBLIC ENGINEERED PRODUCTS

August 5, 2008
PAGE 2

OF 2

PURCHASE ORD: 3V669
PART NUMBER: FXT40AA-.438
ORDER NUMBER: 1386244 - 01
HEAT: 8090918

PURCHASE ORDER DATE: 5/22/2008
ACCOUNT NUMBER: 5672-1921-01
SCHEDULE: 4960-85
REVISION: 1

LBL10158, LBL10114, AND ASTM E1085, LBL10184, LBL10188.

REPUBLIC ENGINEERED PRODUCTS HEREBY CERTIFY THAT THE MATERIAL LISTED HEREIN HAS BEEN INSPECTED AND

NOTES (CONTINUED)

TESTED IN ACCORDANCE WITH THE METHODS PRESCRIBED IN THE GOVERNING SPECIFICATIONS AND BASED UPON THE RESULTS OF SUCH INSPECTION AND TESTING HAS BEEN APPROVED FOR CONFORMANCE TO THE SPECIFICATIONS.

CERTIFICATE OF TESTS SHALL NOT BE REPRODUCED EXCEPT IN FULL.

ALL TESTING HAS BEEN PERFORMED USING THE CURRENT REVISION OF THE TESTING SPECIFICATIONS.

RECORDING OF FALSE, FICTITIOUS OR FRAUDULENT STATEMENTS OR ENTRIES ON THIS DOCUMENT MAY BE PUNISHED AS A FELONY UNDER FED STATUTES TITLE 18 CHAPTER 47.

THE MATERIAL WAS NOT EXPOSED TO MERCURY OR ANY METAL ALLOY THAT IS LIQUID AT AMBIENT TEMPERATURE DURING PROCESSING OR WHILE IN OUR POSSESSION.

NO WELD OR WELD REPAIR WAS PERFORMED ON THIS MATERIAL.

THE RESULTS REPORTED RELATE ONLY TO THE ITEMS TESTED

SOURCE INFORMATION

MELT SOURCE: CANTON CAST ROLL MELT COUNTRY: U.S.A HOT ROLL SOURCE: LORAIN 9/10, U.S.A
MELT METHOD: EF BLOOM RED. RATIO: 863.2

END OF DATA

CC

END OF DATA

WITH SHIPMENT 1 COPY PRINTED AT SHIPPING AREA
FAX SHIP TO 1 COPY ATTENTION EDWARD ZAPOLA
FILE 1 COPY

1-814-532-5684

R. A. SZELIGA
MANAGER TECH. SERVICES

BY JANET K. HARTLINE

R. A. Szeliga

DE TRAY

Plating Works

Specialized Electro-Plating and Polishing

Nickel	Passivate
Copper	Bright Dip
Decorative Chrome	Strip Copper
Satin Chrome	Descale
Zinc	
Cadmium	

10406 EAST ELEVENTH STREET • INDEPENDENCE, MISSOURI 64052
Phone (816) 252-8411 Fax (816) 252-8527 • E-mail : DeTrayPlating@aol.com

March 18, 2009

Mac Fasteners
1110 East Enterprise Street
Ottawa, Kansas 66067

Subject: Certification

This is to certify that the following parts have been stress relieved for 4 hours at 375+/-25 before cleaning cadmium plated per QQ-P-416/AMS-QQ-P-416/NAS4160, Type II, Class 2. Please reference our Invoice #133497 dated 03/18/09 for:

Lot#-38678

P.N.-AN4-21A

James T. Pierson, Vice-President



DE TRAY PLATING WORKS